

the bones of the maxillary and mandibular arches is not more important than many other structures found in the same subclass.

He regarded the *Lophobranchii* as a group having the same general affinities with the *Physoclysti*, but aberrant with some other groups in the possession of abdominal ventral fins. It was closely related to another division of the *Physoclysti* which he called the *Hemibranchii*, which has ventral fins, and wants one or more of the outer series of the superior pharyngeal bones, besides other characters. This order embraces the *Fistulariidæ*, *Centriscidæ*, and *Gasterosteidæ*, and should perhaps include the *Lophobranchii* also.

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JUNE 20.

The President, Dr. RUSCHENBERGER, in the chair.

Sixteen members present.

The following paper was presented for publication:—

“Synopsis of the genus *Chettusia* (*Lobivanellus*), with a description of a new species.” By J. A. Ogden.

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JUNE 27.

The President, Dr. RUSCHENBERGER, in the chair.

Twenty-one members present.

The following gentlemen were elected members:—

Fred'k W. Endlich, Edw. K. Williams, and Fred'k Gutekunst.

Gen. L. E. Yorke, of Cincinnati, Ohio, was elected a correspondent.

On favorable report of the committees, the following papers were ordered to be published:—

[August 15,



1871. "June 27." *Proceedings of the Academy of Natural Sciences of Philadelphia* 23, 158–158.

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